



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner Gentle E. Winter
Art Unit 1746

Assistant Commissioner for Patents
Washington, D.C. 20231

Re: Application of David Boyers, et al.

Case: 101900

USSN: 09/693,012

Filed: 10/19/2000

Title: METHOD AND APPARATUS FOR TREATING A SUBSTRATE WITH
AN OZONE-SOLVENT SOLUTION

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AMENDMENT 2

In response to the Office Action mailed January 24, 2003, the Applicant amends the above-identified case as follows:

In the Claims

1. (Amended) A method for treating a material, comprising:

forming an ozone-solvent solution at a first temperature; and

reacting the ozone-solvent solution with the material at a second temperature;
wherein the first temperature is less than the second temperature, the relatively lower first temperature facilitating an increased concentration of dissolved ozone in the solvent, the relatively higher second temperature facilitating an increased reaction rate between the ozone-solvent solution and the material; and

wherein the reacting step comprises:

heating said ozone-solvent solution from said first temperature to substantially said second temperature to form a heated ozone-solvent solution; and
after said step of heating said ozone-solvent solution, applying said heated ozone-solvent solution to the material at said second temperature.

Please cancel claim 8 without prejudice.

Please amend claim 9 to depend from claim 1 instead of claim 8.

Please amend claim 14 as follows:

14. (Amended) The method of claim [8] 1, wherein said step of applying said heated ozone-solvent solution to said material has at least one point of application, and wherein the step of heating comprises using a liquid-to-liquid heat exchanger placed just upstream of the at least one point of application of said heated ozone-solvent solution to said material.

15. (Amended) The method of claim [8] 1, wherein said step of applying said heated ozone-solvent solution to said material has at least one point of application, and wherein the